

TE | **Table 4-35. Lower Three Runs field data.^a**

Sampling location	Water temperature (°C)	pH	Stream maximum depth (cm) ^b	Stream velocity (cm/sec)
<u>01 Fourmile Branch at Road B</u>	(CCWS) ^c			
Mean	19.3	6.94	41	34
Range	7.0-31.0	5.50-8.80	21-89	4-120
Samples	46	46	28	38
<u>02 Lower Three Runs at Patterson Mill</u>	(CCWS)			
Mean	16.2	7.17	69	19
Range	1.5-25.0	5.90-8.50	48-117	4-60
Samples	46	46	30	39
<u>02 Lower Three Runs at Patterson Mill</u>	(1987-1991)			
Mean	18	(d)		
Range	7.7-29.0	5.9-7.4	NA ^e	NA
Samples	60	60		
<u>03 Lower Three Runs at US Highway 125</u>	(CCWS)			
Mean	16.0	7.17	222	11
Range	1.5-24.7	6.10-8.40	195-283	2-50
Samples	60	46	19	39

a. Source: Wike et al. (1994).
b. To convert centimeters to inches, multiply by 0.3937.
c. CCWS = Comprehensive Cooling Water Study.
d. Blank spaces - Mean not calculated due to insufficient data in report.
e. NA = Not analyzed.

TE | **Table 4-36. Lower Three Runs physical characteristics and general chemistry.^a**

Sampling location	Dissolved oxygen (mg/l)	Specific conductance (µmhos/cm)	Turbidity (NTU)	Total suspended solids (mg/l)
<u>01 Lower Three Runs at Road B</u>	(CCWS) ^b			
Mean	7.06	74.1	6.1	4.11
Range	2.40-10.2	56.9-134.8	1.2-37.0	0.25-28.4
Samples	46	38	43	44
<u>02 Lower Three Runs at Patterson Mill</u>	(CCWS)			
Mean	7.51	86.3	3.5	5.40
Range	5.20-11.9	46.6-125.4	1.1-13.5	0.25-69.2
Samples	46	38	43	44
<u>02 Lower Three Runs at Patterson Mill</u>	(1987-1991)			
Mean	8.0	75	2.8	4.9
Range	5.8-11	13-140	0.94-38	1-34
Samples	60	60	60	60
<u>03 Lower Three Runs at US Highway 125</u>	(CCWS)			
Mean	7.30	82.5	6.3	4.43
Range	4.60-13.0	38.9-119.2	1.4-50.0	0.25-27.2
Samples	46	38	43	45

a. Source: Wike et al. (1994).
b. CCWS = Comprehensive Cooling Water Study.